

DETAILED ACTION

Notice to Applicant(s)

1. This application has been examined. Claims 1-22 are pending.

The prior art submitted on 6/9/06, 8/14/07, 10/11/07, and 1/14/08 have been considered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-22, are rejected under 35 U.S.C. 102(b) as being anticipated by JP 2002-036919 (refers as '919).

As per claims 1, and 12, ('919) discloses a vehicle integrated control system comprising: a plurality of control units controlling a running state of a vehicle based on a manipulation request (see the abstract; and [0052-0059]); and a processing unit generating information to be used at said control unit and providing the generated information to each said control (see claims 8-15; and [0052-0059]); wherein processing unit includes a determination unit and means for determining driver's intention to avoid torque fluctuation involved with at least one of sudden deceleration/acceleration and speed change (see [0030-0031]; [0071-0077]; and [0110-0114]), and a calculation unit, and means for calculating information related to a control target to manipulate an actuator set in correspondence with each said control unit control target being in accordance with an expected value of a driver based on determined driver's intention based on environmental information around said vehicle and manipulation request, and calculating

information for allotting a driving force and a braking force in control unit based on information related to calculated control target (see [0032-0041]; [0045-0051]; [0060-0066]; [0078-0087]; [0096-0109]; and [0115-0120]).

As per claims 2, and 13, ('919) discloses calculation unit, and means for calculating information with priority being placed on a time for attaining said control target (see [0006-0007], [0078-0087], and [0107-0109]).

As per claims 3, and 14, ('919) discloses calculation unit, and means for calculating information with priority being placed on drivability (see [0134-0142]).

As per claims 4, and 15, ('919) discloses calculation unit calculates, and means for calculating information with priority being placed on energy efficiency of vehicle (see [0121-0122]).

As per claims 5-6, and 16-17, ('919) discloses wherein environmental information represents information on surroundings of the vehicle at present, and environmental information represents information on surroundings of the vehicle in future (see [0045-0047], and [0107-0109]).

As per claims 7, and 18, ('919) discloses environmental information represents information on an acceleration/deceleration state of vehicle (see [0069-0070]).

As per claims 8-9, and 19-20, ('919) discloses environmental information represents information sensed by a navigation device, and environmental information represents information sensed by a radar device (see claim 16; and [0045-0047]).

As per claims 10-11, and 21-22, ('919) discloses manipulation request is obtained by sensing an operated amount as to an accelerator manipulation and a brake manipulation by a driver, and manipulation request is obtained by sensing an operated amount as to an accelerator manipulation, a brake manipulation, and a transmission manipulation by a driver (see [0032-0042]).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

. Gerdes (7079930)

. Lyon (6920865)

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dalena Tran whose telephone number is 571-272-6968. The examiner can normally be reached on M-W (in a first week of a bi-week), and T-R (in a second week of bi-week) from 7:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Khoi H. Tran can be reached on 571-272-6919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dalena Tran/

Primary Examiner, Art Unit 3664

April 22, 2009